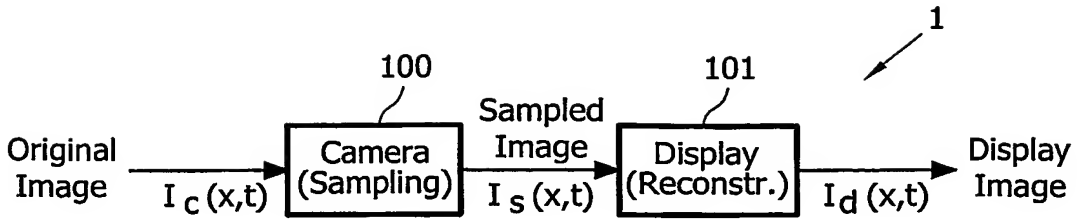

FIG. 1 Prior Art

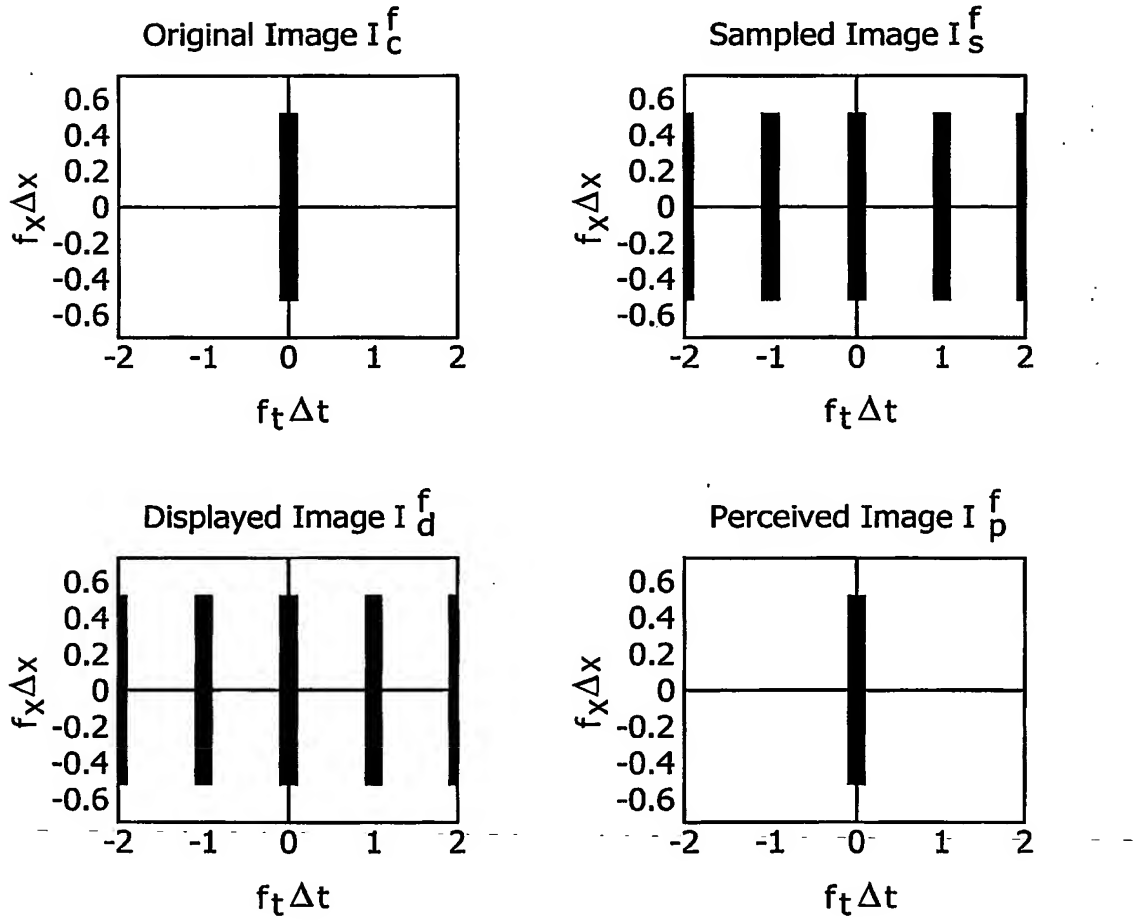

FIG. 2 Prior Art

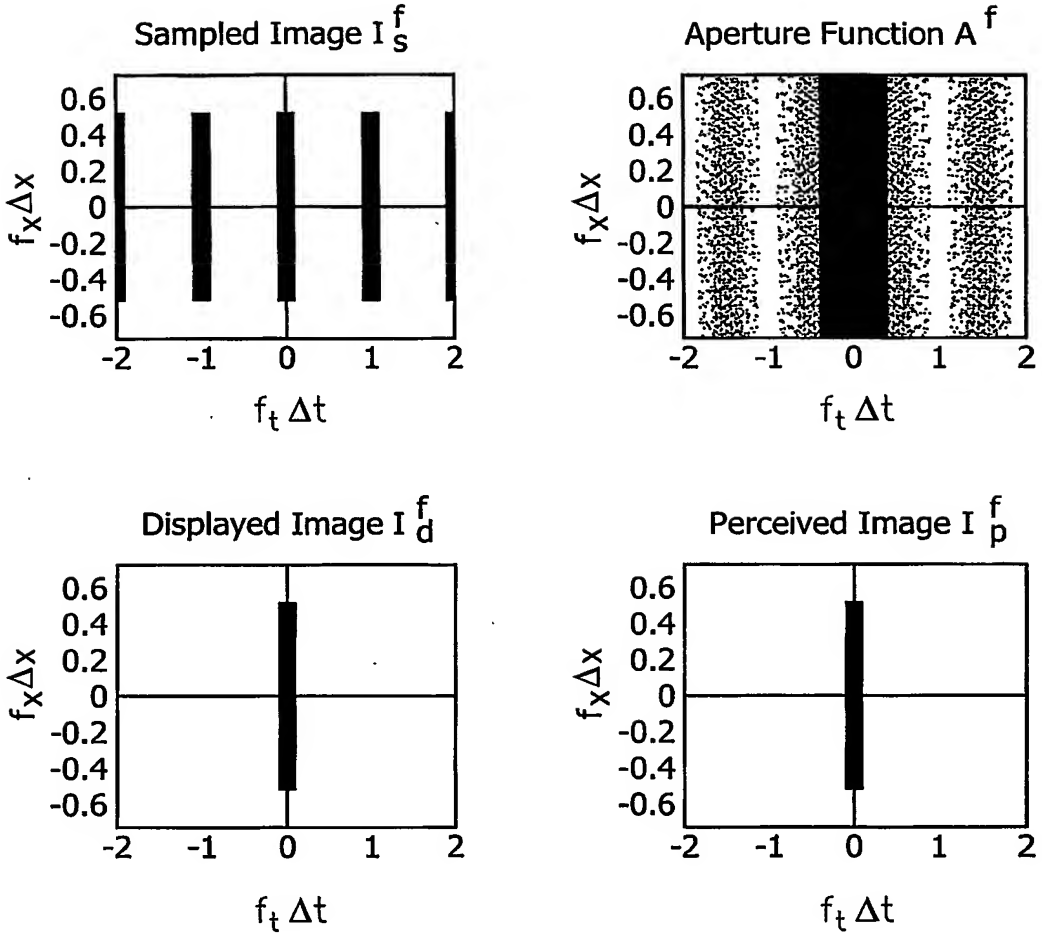

FIG. 3 Prior Art

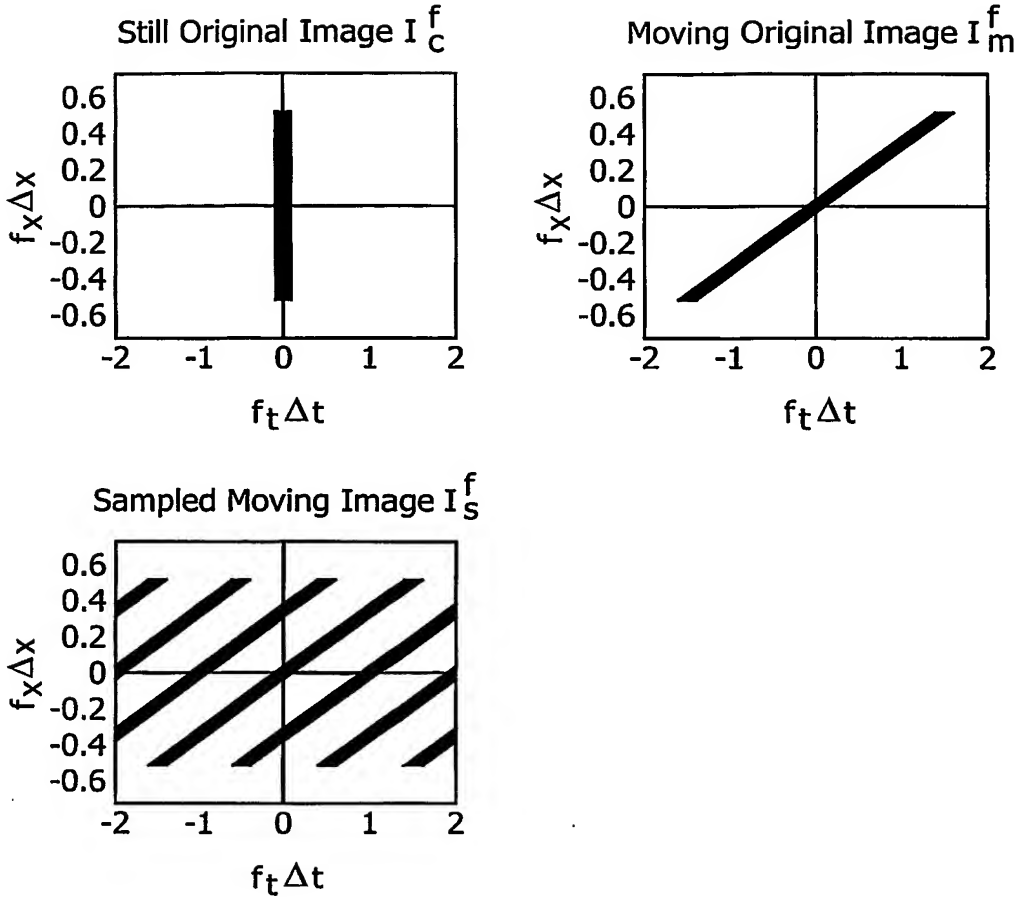

FIG. 4 Prior Art

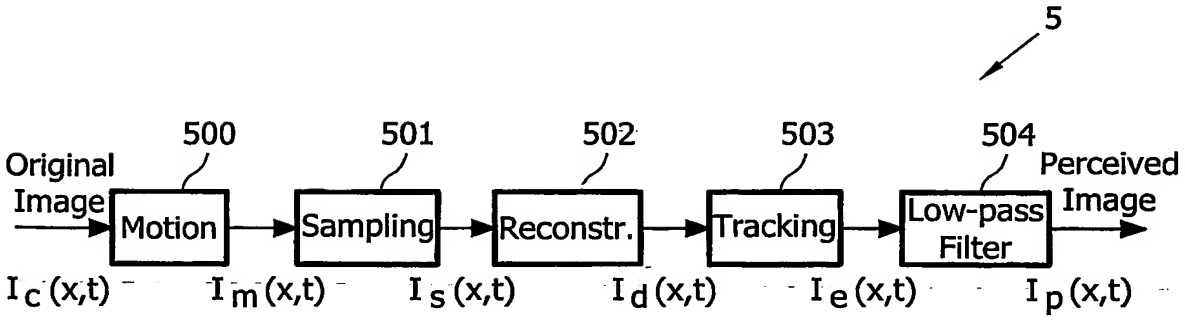

FIG. 5 Prior Art

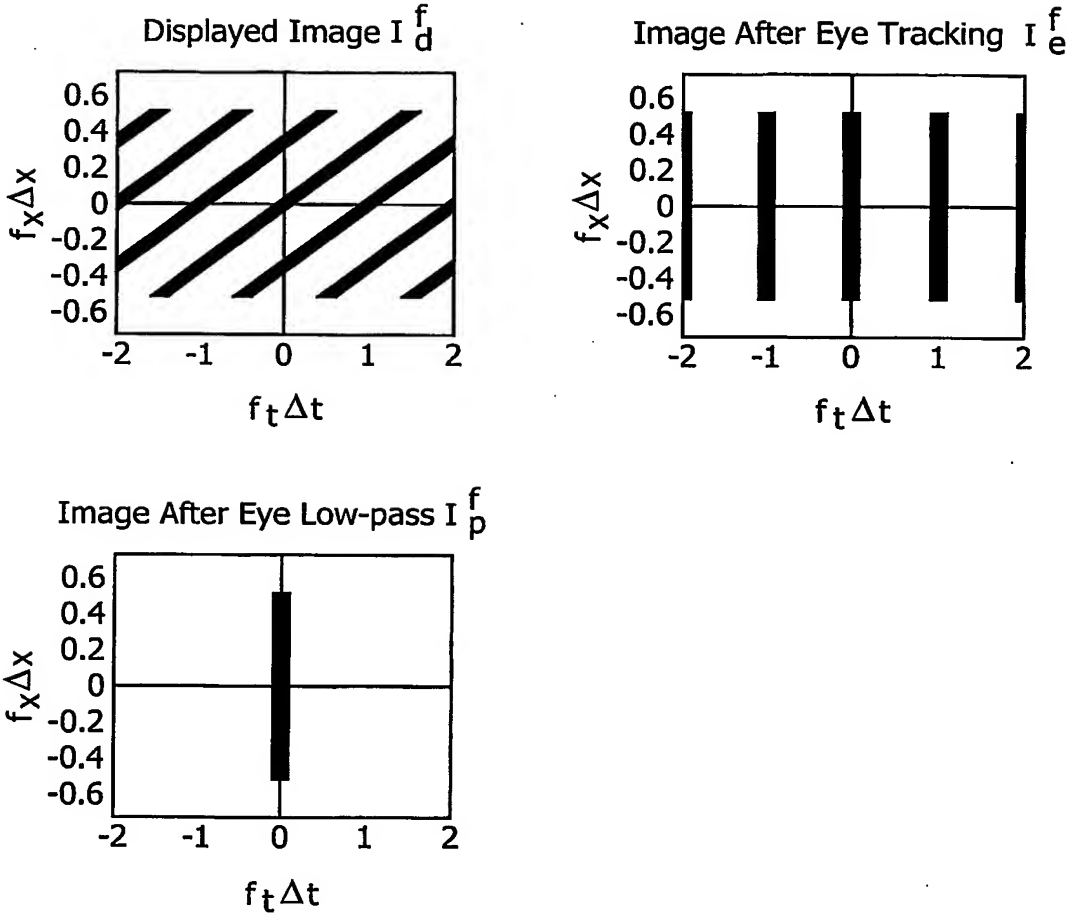

FIG. 6 Prior Art

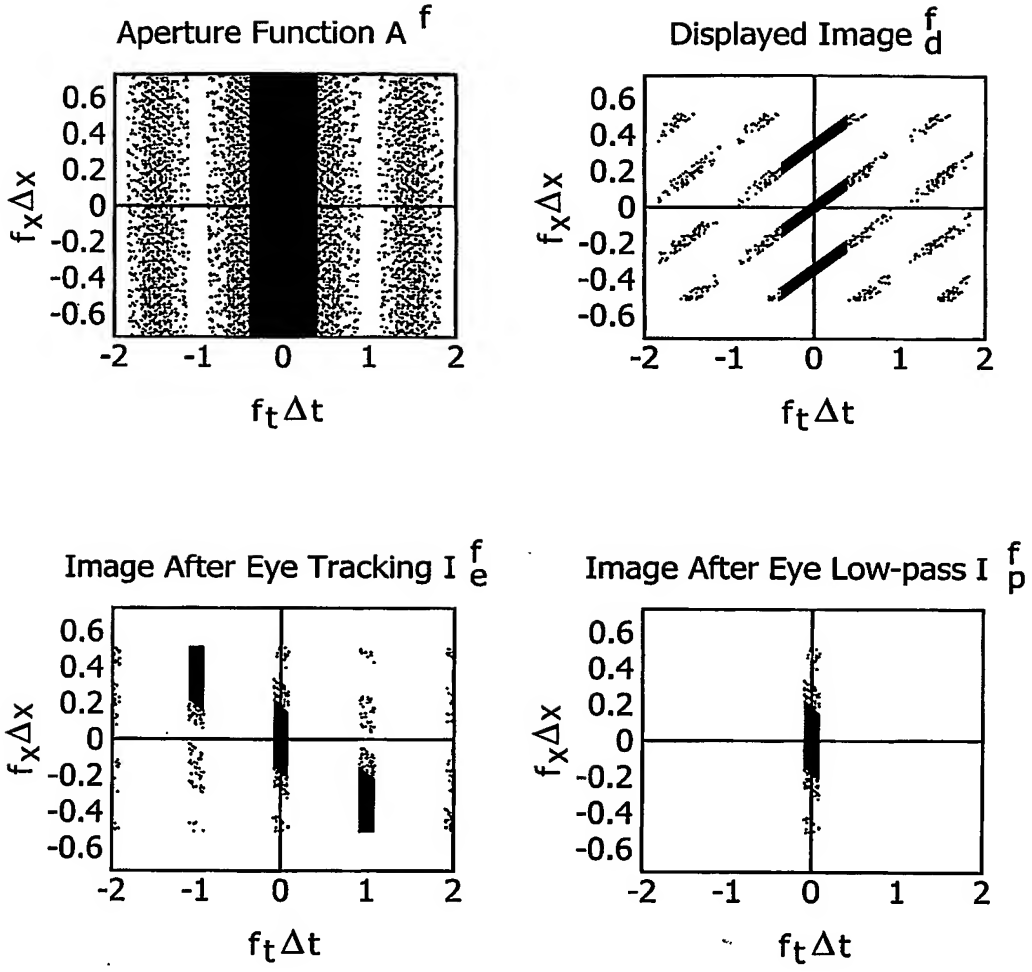

FIG. 7 Prior Art

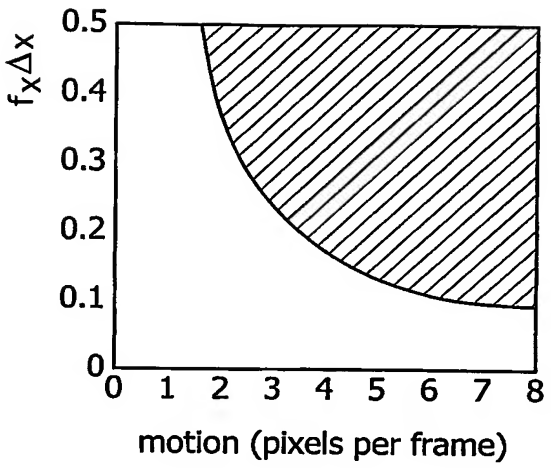

FIG. 8 Prior Art

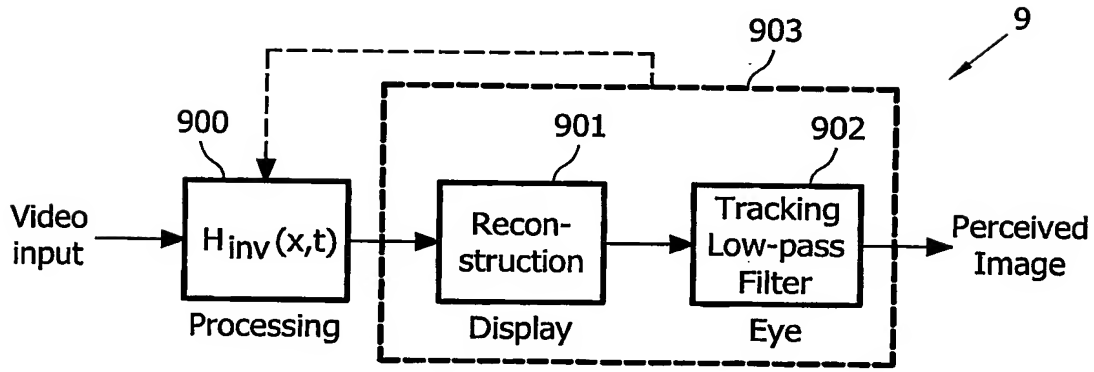

FIG. 9 Prior Art

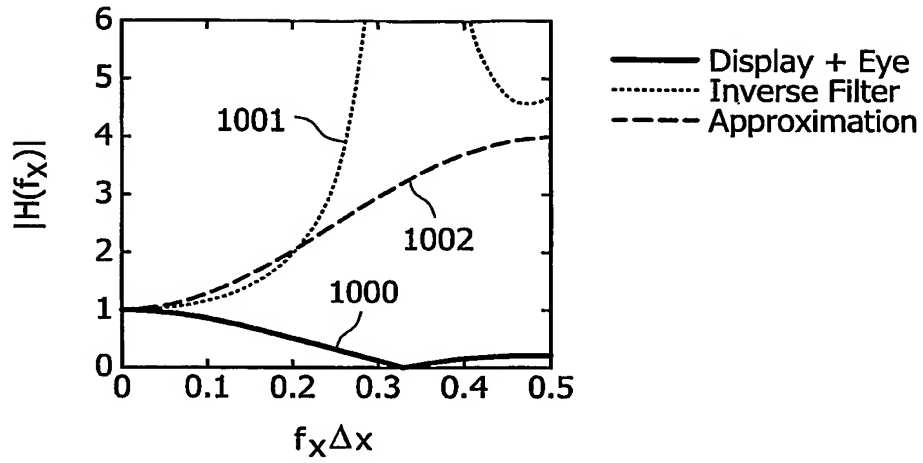

FIG. 10 Prior Art

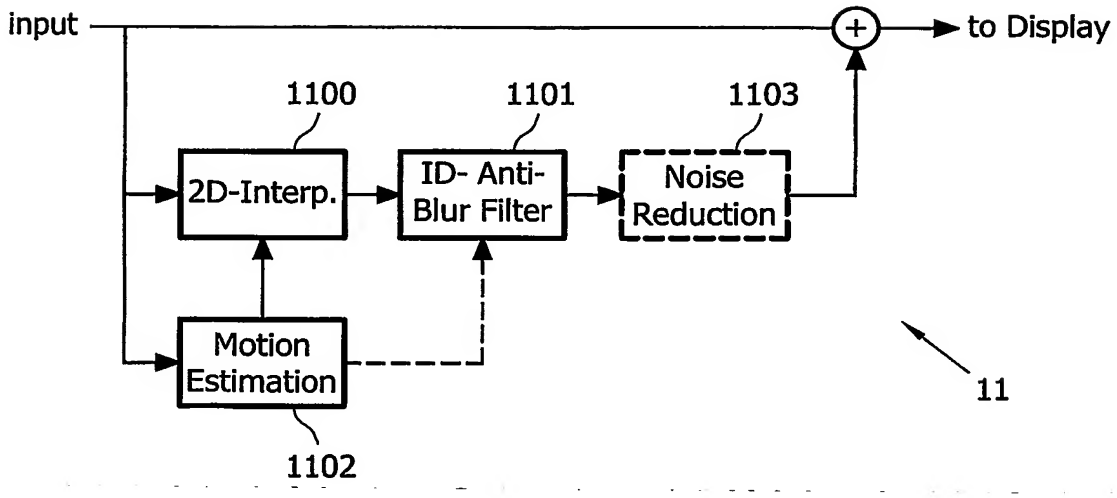

FIG. 11

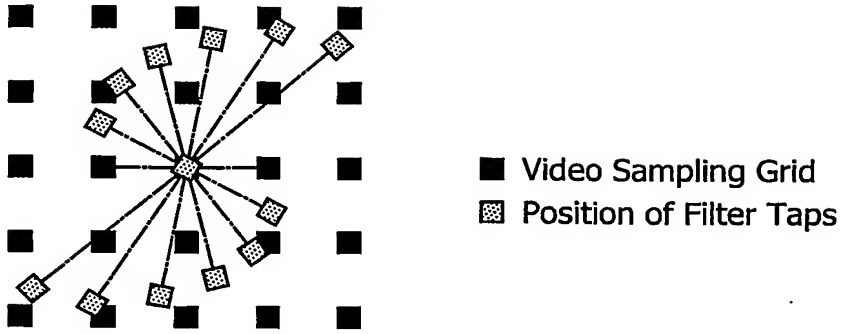
Video Sampling Grid
Position of Filter Taps

FIG. 12

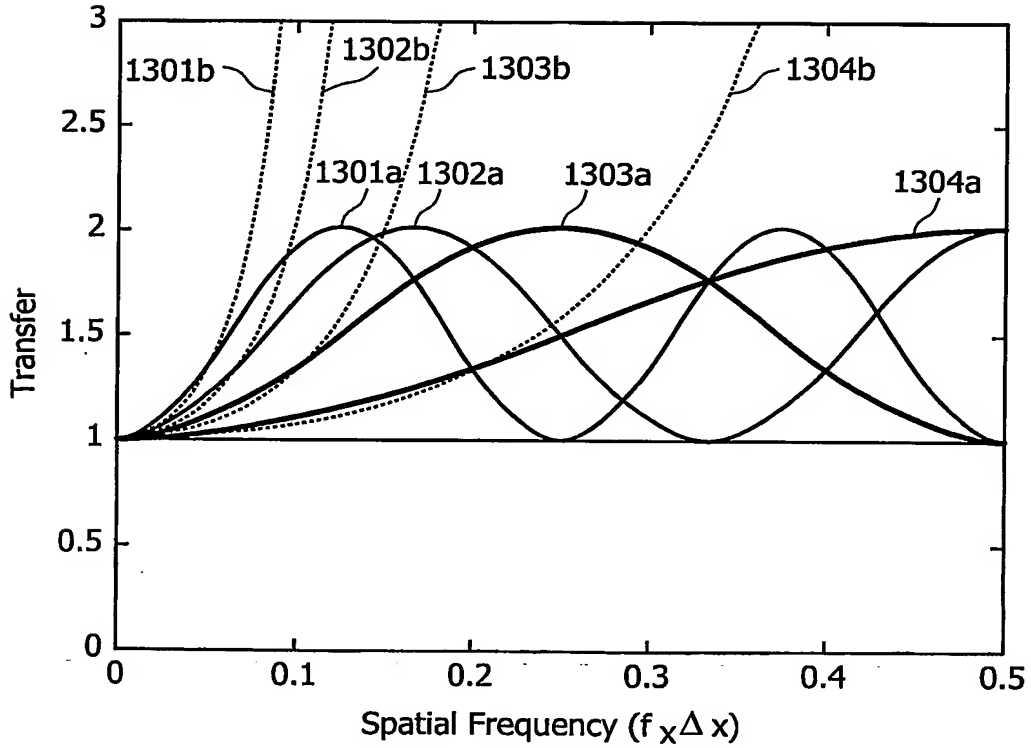
1301b
1302b
1303b
1304b
1301a
1302a
1303a
1304a
Transfer
Spatial Frequency (f x Δ x)
0
0.5
1
1.5
2
2.5
3
0.1
0.2
0.3
0.4
0.5

FIG. 13

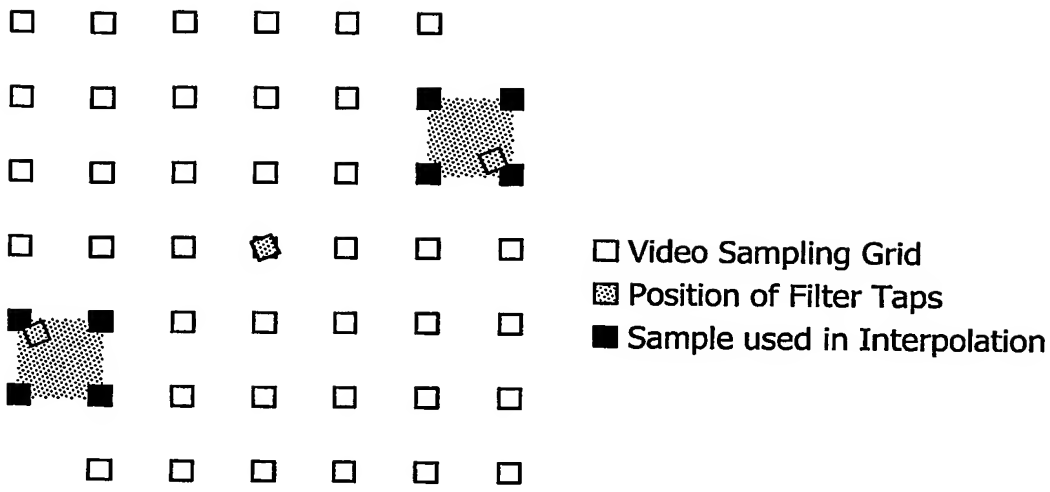

FIG. 14

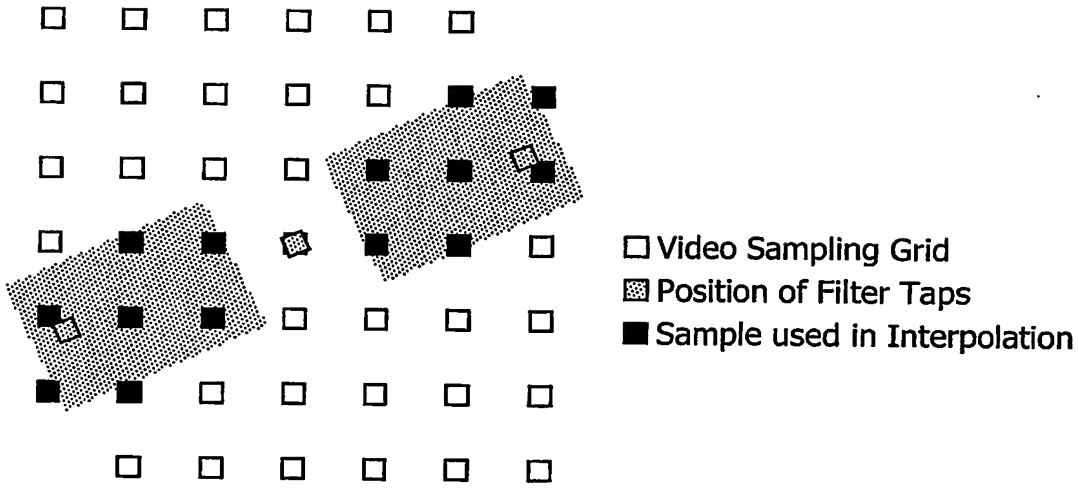

FIG. 15a

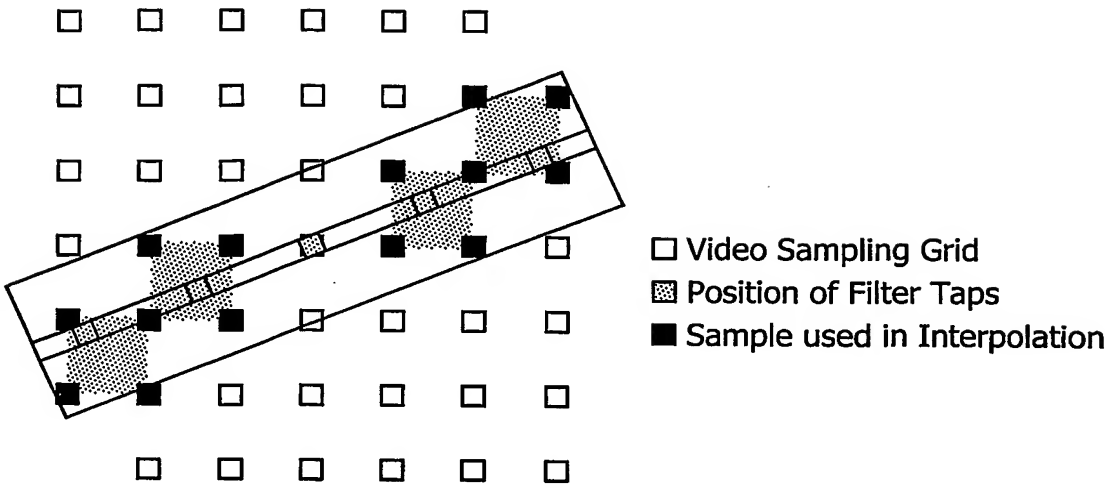

FIG. 15b

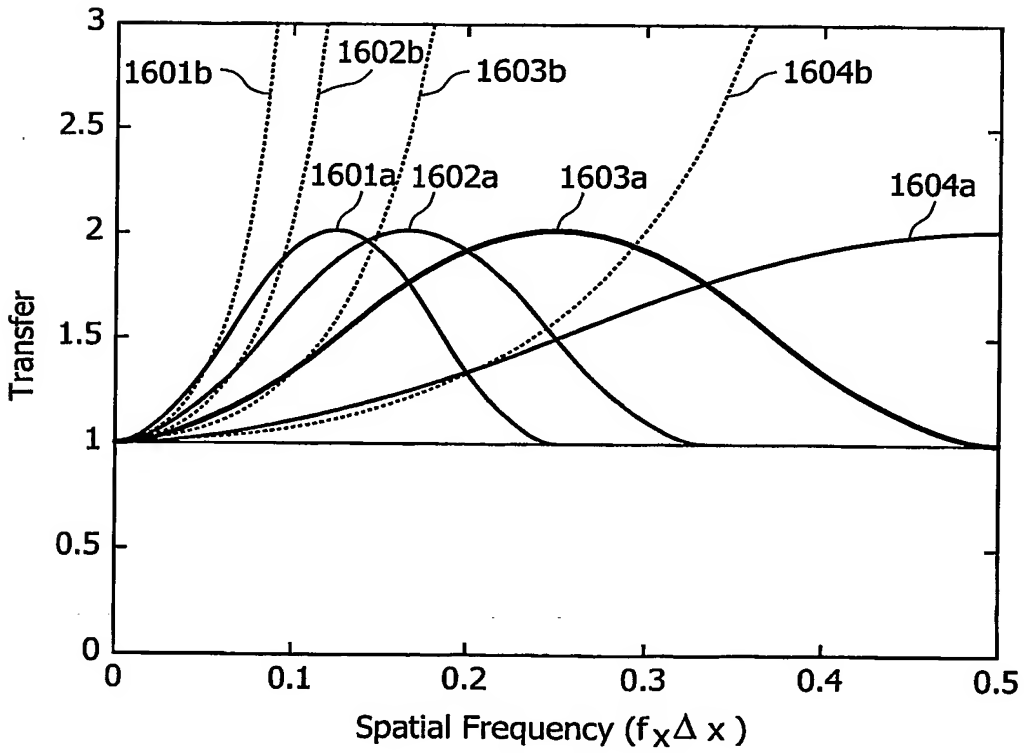

FIG. 16

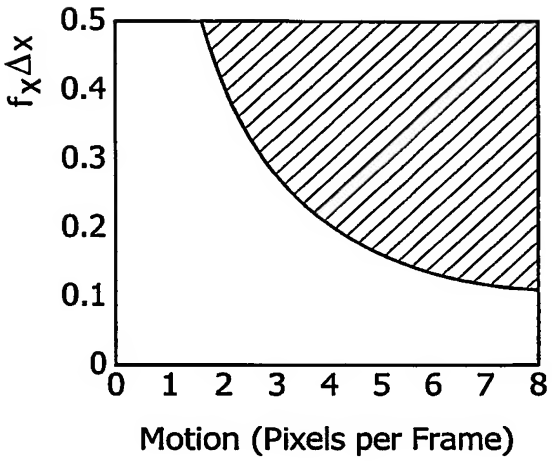
0.5
0.4
0.3
0.2
0.1
0
$f_X\Delta x$
0 1 2 3 4 5 6 7 8
Motion (Pixels per Frame)

FIG. 17

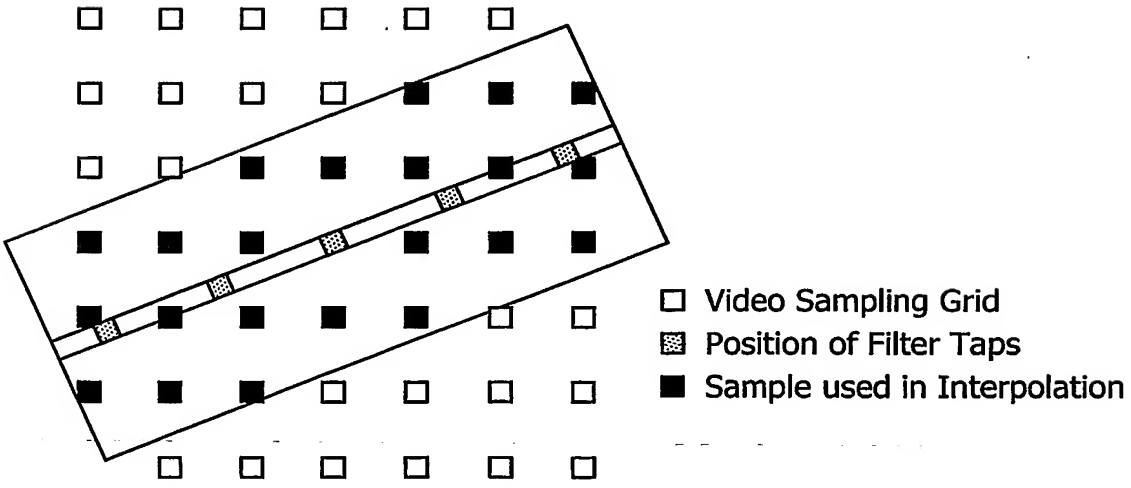
Video Sampling Grid
Position of Filter Taps
Sample used in Interpolation

FIG. 18